1634 \$
Attorney Docket No. P66602US0

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Koichi NISHIGAKI et al.

Application No.: 09/841,157

Art Unit: 1634

Filed: April 25, 2001

Examiner: GUNTER, David R.

For METHOD OF IDENTIFYING ORGANISM BASED ON ITS GENOTYPE

TRANSMITTAL

Commissioner for Patents
United States Patent and Trademark Office
Washington, D.C. 20231

Sir:

Transmitted herewith are Amendment, Petition for Extension of Time, Information Disclosure Statement and PTO 1449 Form.

Fee Calculation					
Excess Claims					
	Nº of Claims	Highest Nº Paid For	Excess Claims	Small Entity Fee	Large Entity Fee
Total	7	⊖ * =	7	⊗ \$9 = \$	⊗ \$18 =
Ind.	1	⊖ * =	1	⊗ \$42 = \$	⊗ \$84 = \$
() Multiple Dependent Claims (First Filing)				⊕ \$140 =	⊕ \$280 = \$
Excess Claims Fee				\$	\$
Extension of Time Fee				\$	\$410
Other: Information Disclosure Statement and PTO 1449 Form				\$	\$180
Total Fee Due				\$0	\$590

X A check for \$590.00 is attached.

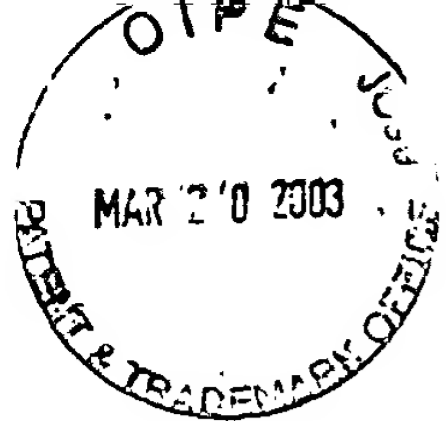
— Charge \$ to Deposit Account No. 06-1358.

If a petition for extension of time is necessary but not enclosed, the Commissioner is petitioned to extend the time for response. The Commissioner is authorized to charge payment of any fees associated with this communication to Deposit Account No. 06-1358.

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Date: March 20, 2003
WEP:rdt

By:

William E. Player
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AMENDMENT

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Sir:

The instant paper responds to the Office Action mailed October 8, 2002.

IN THE CLAIMS

Cancel claims 1-7, without prejudice or disclaimer, and add the following claims.

8. A method for identifying an organism comprising the steps of:
 - a) preparing one or more of double-stranded DNA fragments by a random PCR using, as a template, at least a part of a genome of an organism which is to be identified,
 - b) subjecting said double-stranded DNA fragments prepared in step a) to temperature gradient gel electrophoresis (TGGE) or denaturant gradient gel electrophoresis (DGGE),
 - c) identifying featuring points of each DNA fragment from an electrophoretic pattern which was obtained in step b) and recording positions of the featuring points,